

Human Holocytochrome C Synthase (HCCS) ELISA Kit | HCCS elisa kit

Human Holocytochrome C Synthase (HCCS) ELISA Kit

CATALOG #
AAA65684

REACTIVITY
Human

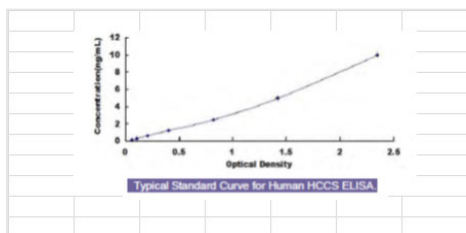
PRODUCT SYNONYMS

Holocytochrome C Synthase (HCCS); Human Holocytochrome C Synthase (HCCS) ELISA Kit; CCHL; MCOPS7; Cytochrome C Heme-Lyase; HCCS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HCCS. No significant cross-reactivity or interference between HCCS and analogues was observed.
Sequence Length	268
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HCCS were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HCCS were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HCCS elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HCCS in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HCCS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HCCS. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HCCS, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of HCCS in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	169790851
NCBI GeneID	3052
NCBI Accession #	NP_001116080.1
NCBI GenBank Nucleotide #	NM_001122608.2
UniProt Accession #	P53701; Q502X8; B3KUS1
Molecular Weight	30,602 Da
NCBI Official Full Name	cytochrome c-type heme lyase
NCBI Official Synonym Full Names	holocytochrome c synthase
NCBI Official Symbol	HCCS
NCBI Official Synonym Symbols	MLS; CCHL; MCOP57; LSDMCA1
NCBI Protein Information	cytochrome c-type heme lyase
UniProt Protein Name	Cytochrome c-type heme lyase
UniProt Gene Name	HCCS
UniProt Synonym Gene Names	CCHL; CCHL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/holocytochrome-c-synthase-hccs/65684>